

SIEVING ERROR: -0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-13\_300**

ANALYST &amp; DATE: SA/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 7.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 47.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 43.8%		
$D_{10}$ :	175.2	1.104		V FINE SAND: 0.8%		
MEDIAN or $D_{50}$ :	258.9	1.950	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	465.2	2.513	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.656	2.276	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	290.0	1.409	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.598	1.410	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	119.2	0.676	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	291.2	266.1	1.910	265.2	1.915	Medium Sand
SORTING ( $\sigma$ ):	142.2	1.482	0.568	1.462	0.548	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.454	0.792	-0.792	0.155	-0.155	Coarse Skewed
KURTOSIS ( $K$ ):	11.30	4.100	4.100	1.122	1.122	Leptokurtic

**GRAIN SIZE DISTRIBUTION**